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SOURCE Ogneupory, No 4, 1950.

USSR'S APPLICATION OF POBEDIT PLATES TO HEWING OF REFRACTORIES

Engr M. B. Eksler,
Lenpromenergomontazh

L. N. Chernyavskiy, supervisor of the mechanical shop of the Boiler-Mechanical plant of Lenpromenergomontazh suggested the hewing of refractories with a metal disk equipped with detachable soldered plates made of pobedit. A disk of this kind was constructed, tested at a peripheral speed of 40 meters per second, and demonstrated sufficient stability in operation while giving a high-quality finished surface.

Productive capacity of the Chernyavskiy disk is 6.5 times the capacity of a disk with mineral abrasive, and 37 times higher than manual hewing productivity.

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